

Rabbit KIRREL2 Polyclonal Antibody | anti-KIRREL2 antibody

KIRREL2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40604	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

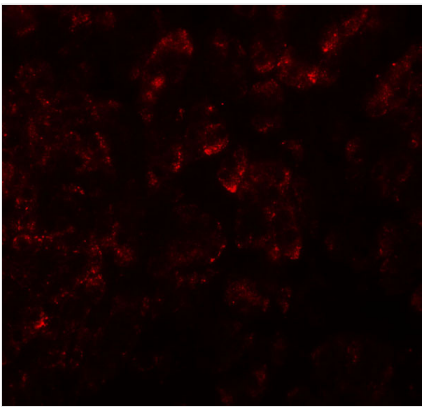
PRODUCT SYNONYMS

KIRREL2; Polyclonal Antibody; KIRREL2 Antibody; Kin of irregular chiasm-like protein 2; Kin of IRRE-like protein 2; NEPH3; Nephrin-like protein 3; NLG1; FILTRIN; kin of IRRE like 2 (Drosophila); anti-KIRREL2 antibody

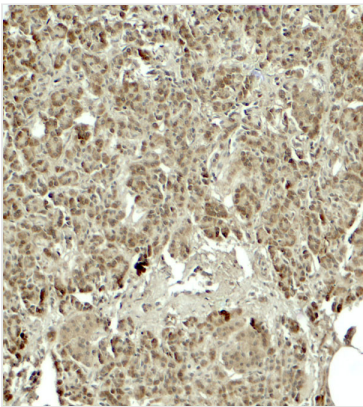
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	KIRREL2 antibody is human, mouse and rat reactive. At least five isoforms are known to exist. This antibody is predicted to not cross-react with other members of the KIRREL protein family.
Purity/Purification	KIRREL2 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	708
Applicable Applications for anti-KIRREL2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	KIRREL2 antibody was raised against a 17 amino acid peptide near the carboxy terminus of human KIRREL2. The immunogen is located within amino acids 550-600 of KIRREL2
Buffer	KIRREL2 antibody is supplied in PBS containing 0.02% sodium azide.
Positive Control	1) - HEK293 Cell Lysate 2) - Human Pancreas Tissue Slide
Preparation and Storage	KIRREL2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

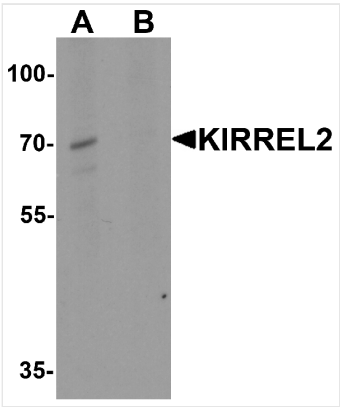
IMAGES



IF (Immunofluorescence)
Immunofluorescence of KIRREL2 in human pancreas tissue with KIRREL2 antibody at 20 μg/ml.



IHC (Immunohiostchemistry)
Immunohistochemistry of KIRREL2 in human pancreas tissue with KIRREL2 antibody at 5 μg/ml.



WB (Western Blot)
KIRREL2 Antibody

ADDITIONAL INFORMATION

Related Product Information for anti-KIRREL2 antibody

KIRREL2, also known as nephrin-like 3, is a type I transmembrane protein belonging to the immunoglobulin superfamily of cell adhesion molecules (1). KIRREL2 consists of five extracellular Ig-like repeats, a transmembrane domain, several glycosylation sites and a cytoplasmic domain that has a stretch of nine conserved residues (1,2). KIRREL2 has been found to be expressed in beta cells of pancreatic islets and is involved in the regulation of both glomerular and neural development (3,4). Downregulation of KIRREL2 is implicated in several proteinuric diseases (4,5).

NCBI AND UNIPROT INFORMATION

NCBI GI #	145275174
NCBI GeneID	84063
NCBI Accession #	NP_954649
NCBI GenBank Nucleotide #	NM_199180.2
UniProt Accession #	Q6UWL6; Q6P1R1; Q7Z5P1; Q7Z5P2; Q96IQ8; Q9H0T1; C9JHF1; C9JJ76; F1T0I2
Molecular Weight	Predicted: 64; 70; 78 kDa Observed: 70 kDa
NCBI Official Full Name	kin of IRRE-like protein 2 isoform c

NCBI Official Synonym Full Names	kin of IRRE like 2 (Drosophila)
NCBI Official Symbol	KIRREL2
NCBI Official Synonym Symbols	NLG1; NEPH3; FILTRIN
NCBI Protein Information	kin of IRRE-like protein 2; nephrin-like gene 1; nephrin-like protein 3; kin of irregular chiasm-like protein 2
UniProt Protein Name	Kin of IRRE-like protein 2
UniProt Gene Name	KIRREL2
UniProt Synonym Gene Names	NEPH3
UniProt Entry Name	KIRR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/kirrel2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40604>